

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claims 1-5 (Canceled)

Claim 6 (Currently Amended): A packaging laminate comprising a film covered with ~~silicone~~ silicon oxide; and a binding layer formed from a binder comprising a polyolefin grafted with an unsaturated alkoxysilane, wherein said grafted polyolefin is blended with a non-grafted polyolefin; and a paper or paperboard bulk layer, of a binder according to claim 1, which binder

wherein the binding layer is arranged to be in direct contact with the silicon oxide and the paper or paperboard bulk layer, and to bond the silicon oxide to the paper or paperboard bulk layer an adjacent layer, in the laminate.

Claim 7 (Previously Presented): A packaging laminate according to claim 6, wherein said binder is present in the binding layer at 2-35 g/m² calculated on dry matter.

Claim 8 (Canceled)

Claim 9 (Currently Amended): A packaging laminate according to claim 6, wherein it further comprises ~~a paper or paperboard bulk layer~~, a first outermost layer of a heat-

sealable polyolefin and a second outermost layer of a heat-sealable polyolefin on the opposite side of the laminate, which second outermost layer comprises a metallocene polyethylene material.

Claim 10 (Previously Presented): A packaging laminate according to claim 9, wherein said metallocene polyethylene material is a metallocene low density polyethylene material, preferably a metallocene linear low density polyethylene material.

Claim 11 (Currently Amended): A packaging laminate according to ~~any~~ claim 9, wherein the basis weight of the second outermost layer is from 5 to 30 g/m² dry calculated.

Claim 12 (Currently Amended): A packaging laminate according to claim 9, ~~wherein~~ further comprising a third layer of a heat-sealable polyolefin, arranged in direct contact with the second layer of a heat-sealable polyolefin ~~and preferably co-extruded together with it.~~

Claim 13 (Previously Presented): A packaging laminate according to claim 6, wherein the SiO_x gas barrier layer is PECVD deposited, wherein x=1.7-2.0, and has a thickness of 50-500 Å.

Claim 14 (Currently Amended): A packaging laminate according to claim 9, ~~13~~, wherein the SiO_x gas barrier layer, on the film, faces the paper or paperboard bulk layer and is positioned between the paper or paperboard bulk layer and the second outermost layer of a heat-sealable polyolefin.

Claim 15 (Canceled)

Claim 16 (Currently Amended): A packaging laminate according to claim 9, ~~13~~, wherein the SiOx gas barrier layer, on the film, faces away from the paper or paperboard bulk layer and is positioned between the paper or paperboard bulk layer and the second outermost layer of a heat-sealable polyolefin.

Claim 17 (Previously Presented): A packaging laminate according to claim 16, wherein the SiOx gas barrier layer is directly bonded to the second outermost layer of a heat-sealable polyolefin, by said binding layer.

Claim 18 (Previously Presented): A packaging laminate according to claim 13, wherein it comprises a second gas barrier layer of SiOx, coated onto a polymer carrier layer, the first and second gas barrier layers of SiOx being arranged on opposite sides of the paper or paperboard bulk layer.

Claim 19 (Previously Presented): A packaging laminate according to claim 18, wherein the SiOx gas barrier layers are positioned in the laminate such that they are facing towards each other.

Claim 20 (Previously Presented): A packaging container manufactured from a packaging laminate according to claim 6.

Claim 21 and 22 (Canceled)

Claim 23 (Previously Presented): A packaging laminate according to claim 6, wherein said binder is present in the binding layer at 5-30 g/m² calculated on dry matter.

Claim 24 (Previously Presented): A packaging laminate according to claim 6, wherein said binder is present in the binding layer at 10-25 g/m² calculated on dry matter.

Claim 25 (Previously Presented): A packaging laminate according to claim 9, wherein the basis weight of the second outermost layer is from 8 to 25 g/m² dry calculated.

Claim 26 (Previously Presented): A packaging laminate according to claim 9, wherein the basis weight of the second outermost layer is from 10 to 20 g/m² dry calculated.

Claim 27 (Previously Presented): A packaging laminate according to claim 6, wherein the SiO_x gas barrier layer is PECVD deposited, wherein $x=1.7-2.0$, and has a thickness of 80-300 Å.

Claim 28 (New): A packaging laminate according to claim 6, wherein it comprises 30 – 70 % by weight of the grafted polyolefin.

Claim 29 (New): A packaging laminate according to claim 6, wherein it comprises 40 – 60 % by weight of the grafted polyolefin.

Claim 30 (New): A packaging laminate according to claim 6, wherein it comprises 45 – 55 % by weight of the grafted polyolefin.

Claim 31 (New): A packaging laminate according to claim 12, wherein the third layer of a heat-sealable polyolefin is co-extruded with the second layer of a heat-sealable polyolefin.